

# Department of College and Career Readiness

# Financial Literacy Curriculum



**Eighth Grade** 



# Eighth Grade Financial Literacy Course Description

In this course students will learn the elements of paycheck and create personal financial plans. In addition, they will examine financial well being and retirement options. The aim of this course is to ready students for the financial decisions and challenges of adulthood.



# **Eighth Grade Financial Literacy**

Pacing Guide				
Un it	Topic	SLO	Suggested Timing	
Unit 1	Managing Your Paycheck	1, 2, 3, 4	Approx. 9 weeks	
Unit 2	Financial Planning and the Importance of Saving	5, 6, 7	Approx. 9 weeks	
Unit 3	Understanding the Economy	8	Approx. 9 weeks	
Unit 4	Retirement Planning	9, 10	Approx. 9 weeks	



# **Effective Pedagogical Routines/Instructional Strategies**

Collaborative problem solving

Writing to learn

Making thinking visible

Note-taking

Rereading & rewriting

Establishing text-based norms for discussions & writing

Establishing metacognitive reflection & articulation as a regular pattern

in learning

**Quick writes** 

Pair/trio Sharing

Turn and Talk

Charting

**Gallery Walks** 

Whole class discussions

Modeling

Word Study Drills

Flash Cards

Interviews

**Role Playing** 

Diagrams, charts and graphs

Storytelling

Coaching

Reading partners

**Visuals** 

**Reading Aloud** 

Model (I Do), Prompt (We Do), Check (You Do)

Mind Mapping

**Trackers** 

**Multiple Response Strategies** 

Choral reading

Reader's/Writer's Notebooks

Conferencing



# **Computer Science and Design Thinking**

## **Standards**

8.1.5.CS.2, 8.1.5.NI.1, 8.1.5.DA.3

## ☐ Computing Systems

□ Recommend improvements to computing devices in order to improve the way users interact with the devices.

**Example:** Students will use a word processing system to produce and publish their informational/explanatory writing pieces.

#### ☐ Networks and the Internet

□ Model how information is broken down into smaller pieces, transmitted as addressed packets through multiple devices over networks and the Internet, and reassembled at the destination.

**Example:** Students will create a presentation to show an example of the above. Their presentations will embed the following media-rich resources: audio (sound), graphics and videos.

## ☐ Impacts of Computing

□ Describe issues of bias and accessibility in the design of existing technologies.

**Example:** Students will journal write about possible bias and technology.

## **Data & Analysis**

□ Organize and transform data collected using computational tools to make it usable for a specific purpose.

**Example:** Students will include a minimum of <u>three sources</u> within their informative/explanatory published piece. Students will use the website <a href="http://www.citationmachine.net/apa/cite-a-book">http://www.citationmachine.net/apa/cite-a-book</a> to properly cite their sources.

www.state.nj.us/education/cccs/standards/8/



# **Career Readiness, Life Literacies and Key Skills Practices**

Career Readiness, Life Literacies, and Key Skills Practices describe the habits of the mind that all educators in all content areas should seek to develop in their students. They are practices that have been linked to increase college, career, and life success. These practices should be taught and reinforced in all content areas with increasingly higher levels of complexity and expectation as a student advances through a program of study.

increasingly higher levels of complexity and expectation as a student advances through a program of study.			
Act as a responsible and contributing community members and employee.	Students understand the obligations and responsibilities of being a member of a community, and they demonstrate this understanding every day through their interactions with others. They are conscientious of the impacts of their decisions on others and the environment around them. They think about the near-term and long-term consequences of their actions and seek to act in ways that contribute to the betterment of their teams, families, community and workplace. They are reliable and consistent in going beyond the minimum expectation and in participating in activities that serve the greater good.  Example: Students can demonstrate the responsibilities associated with being a member of community when engaging in collaboration with pair/trio partnerships and when participating in		
Attend to financial well-being.	whole group discussions. Examples may include jigsaw and fishbowl activities.  Students take regular action to contribute to their personal financial well-being, understanding that personal financial security provides the peace of mind required to contribute more fully to their own career success.		
	<b>Example:</b> Students will find ways to increase the engagement and contribution of all team members by participating in small group Accountable Talk discussion to determine a budget for themselves and group members.		
Consider the environmental, social and economic impacts of decisions.	Students understand the interrelated nature of their actions and regularly make decisions that positively impact and/or mitigate negative impact on other people, organization, and the environment. They are aware of and utilize new technologies, understandings, procedures, materials, and regulations affecting the nature of their work as it relates to the impact on the social condition, the environment and the profitability of the organization.		
	<b>Example:</b> Students will work in small groups and research a financial organization. They will present their findings to the rest of the small groups in class. Each student will have a specific		



Career Readiness, Life Literacies and Key Skills Practices		
	role within the small group.	
Demonstrate creativity and innovation.	Students regularly think of ideas that solve problems in new and different ways, and they contribute those ideas in a useful and productive manner to improve their organization. They can consider unconventional ideas and suggestions as solutions to issues, tasks or problems, and they discern which ideas and suggestions will add greatest value. They seek new methods, practices, and ideas from a variety of sources and seek to apply those ideas to their own workplace. They take action on their ideas and understand how to bring innovation to an organization.  Example: Students will create posters illustrating financial risk	
Utilize critical thinking to make sense of problems and persevere in solving them.	Students readily recognize problems in the workplace, understand the nature of the problem, and devise effective plans to solve the problem. They are aware of problems when they occur and take action quickly to address the problem; they thoughtfully investigate the root cause of the problem prior to introducing solutions. They carefully consider the options to solve the problem. Once a solution is agreed upon, they follow through to ensure the problem is solved, whether through their own actions or the actions of others.  Example: Ask individuals or small groups of students to define some financial problems they have faced and their suggested solutions. Use student-generated problems/questions in class activities.	
Model integrity, ethical leadership and effective management.	Students consistently act in ways that align personal and community-held ideals and principles while employing strategies to positively influence others in the workplace. They have a clear understanding of integrity and act on this understanding in every decision. They use a variety of means to positively impact the directions and actions of a team or organization, and they apply	



Career Readiness, Life Literacies and Key Skills Practices		
	insights into human behavior to change others' action, attitudes and/or beliefs. They recognize the near-term and long-term effects that management's actions and attitudes can have on productivity, morals and organizational culture.	
	<b>Example:</b> While working in groups, pairs, and during whole group discussion, students will be utilizing Accountable Talk protocols and engage in collaborative work. Through these partnerships, students will work together as a team, being mindful of the uniqueness of each individual within the team and encouraging one another.	
Plan education and career paths aligned to personal goals.	Students take personal ownership of their own education and career goals, and they regularly act	
	on a plan to attain these goals. They understand their own career interests, preferences, goals, and requirements. They have perspective regarding the pathways available to them and the time, effort, experience and other requirements to pursue each, including a path of entrepreneurship. They recognize the value of each step in the education and experiential process, and they recognize that nearly all career paths require ongoing education and experience. They seek counselors, mentors, and other experts to assist in the planning and execution of career and personal goals.	
	<b>Example:</b> At the onset of each unit, students should be setting goals for completion of the overall task and enduring understandings. As students work toward the goal throughout the unit, teachers may confer with the student to discuss progress and provide action steps form advancement.	
Use technology to enhance productivity increase collaboration and communicate effectively.	Students find and maximize the productive value of existing and new technology to accomplish workplace tasks and solve workplace problems. They are flexible and adaptive in acquiring new technology. They are proficient with ubiquitous technology applications. They understand the inherent risks-personal and organizational-of technology applications, and they take actions to prevent or mitigate these risks.	



Career Readiness, Life Literacies and Key Skills Practices			
	<b>Example:</b> While participating in daily instruction students utilize digital platforms to collaborate with their peers and share ideas, including but not limited to Google Meet, Jamboard, Nearpod, etc.		
Work productively in teams while using cultural/global competence.	Students positively contribute to every team, whether formal or informal. They apply an awareness of cultural difference to avoid barriers to productive and positive interaction. They find ways to increase the engagement and contribution of all team members. They plan and facilitate effective team meetings.		
	<b>Example:</b> While working in groups, pairs, and during whole group discussion, students will be utilizing Accountable Talk protocols. Teachers will enforce the Accountable talk protocols with students, ensuring all students are contributing to the group's discussion.		



# Career Readiness, Life Literacies and Key Skills Standard 9

# Career Awareness and Planning

• 9.2.8.CAP.2: Develop a plan that includes information about career areas of interest

Example: Make a list of different types of jobs and describe the skills associated with each job. Complete a career interest

survey <a href="https://www.cfnc.org/media/0xtdpcig/career-interest-explorer-elementary.pdf">https://www.cfnc.org/media/0xtdpcig/career-interest-explorer-elementary.pdf</a>

# **Creativity and Innovation**

• 9.4.8.CI.1: Assess data gathered on varying perspectives on causes of climate change (e.g., cross-cultural, gender-specific, generational), and determine how the data can best be used to design multiple potential solutions (e.g., RI.7.9, 6.SP.B.5, 7.1.NH.IPERS.6, 8.2.8.ETW.4).

Example: Have students identify possible career paths associate with climate issues.

# **Critical Thinking and Problem Solving**

• 9.4.8.CT.2: Develop multiple solutions to a problem and evaluate short- and long-term effects to determine the most plausible option (e.g., MS-ETS1-4, 6.1.8.CivicsDP.1).

Example: Engage students in lessons to track their carbon footprint and have them identify ways to reduce their carbon footprint



WIDA Proficiency Levels: At the given level of English language proficiency, English language learners will process, understand, produce or use:

6- Reaching	<ul> <li>Specialized or technical language reflective of the content areas at grade level</li> <li>A variety of sentence lengths of varying linguistic complexity in extended oral or written discourse as required by the specified grade level</li> <li>Oral or written communication in English comparable to proficient English peers</li> </ul>
5- Bridging	<ul> <li>Specialized or technical language of the content areas</li> <li>A variety of sentence lengths of varying linguistic complexity in extended oral or written discourse, including stories, essays or reports</li> <li>Oral or written language approaching comparability to that of proficient English peers when presented with grade level material.</li> </ul>
4- Expanding	<ul> <li>Specific and some technical language of the content areas</li> <li>A variety of sentence lengths of varying linguistic complexity in oral discourse or multiple, related sentences or paragraphs</li> <li>Oral or written language with minimal phonological, syntactic or semantic errors that may impede the communication, but retain much of its meaning, when presented with oral or written connected discourse, with sensory, graphic or interactive support</li> </ul>
3- Developing	<ul> <li>General and some specific language of the content areas</li> <li>Expanded sentences in oral interaction or written paragraphs</li> <li>Oral or written language with phonological, syntactic or semantic errors that may impede the communication, but retain much of its meaning, when presented with oral or written, narrative or expository descriptions with sensory, graphic or interactive support</li> </ul>
2- Beginning	<ul> <li>General language related to the content area</li> <li>Phrases or short sentences</li> <li>Oral or written language with phonological, syntactic, or semantic errors that often impede of the communication when presented with one to multiple-step commands, directions, or a series of statements with sensory, graphic or interactive support</li> </ul>
1- Entering	<ul> <li>Pictorial or graphic representation of the language of the content areas</li> <li>Words, phrases or chunks of language when presented with one-step commands directions, WH-, choice or yes/no questions, or statements with sensory, graphic or interactive support</li> </ul>



# Language Development Supports For English Language Learners To Increase Comprehension and Communication Skills

#### **Environment**

- Welcoming and stress-free
- · Respectful of linguistic and cultural diversity
- Honors students' background knowledge
- Sets clear and high expectations
- Includes routines and norms
- Is thinking-focused vs. answer-seeking
- Offers multiple modalities to engage in content learning and to demonstrate understanding
- Includes explicit instruction of specific language targets
- Provides participation techniques to include all learners

- · Integrates learning centers and games in a meaningful way
- Provides opportunities to practice and refine receptive and productive skills in English as a new language
- Integrates meaning and purposeful tasks/activities that:
  - o Are accessible by all students through multiple entry points
  - Are relevant to students' lives and cultural experiences
  - O Build on prior mathematical learning
  - Demonstrate high cognitive demand
  - Offer multiple strategies for solutions
  - Allow for a language learning experience in addition to content.

Sensory Supports*	Graphic Supports*	Interactive Supports*	Verbal and Textual Supports
<ul> <li>Real-life objects (realia) or concrete objects</li> <li>Physical models</li> <li>Manipulatives</li> <li>Pictures &amp; photographs</li> <li>Visual representations or models such as diagrams or drawings</li> <li>Videos &amp; films</li> <li>Newspapers or magazines</li> <li>Gestures</li> <li>Physical movements</li> <li>Music &amp; songs</li> </ul>	<ul> <li>Graphs</li> <li>Charts</li> <li>Timelines</li> <li>Number lines</li> <li>Graphic organizers</li> <li>Graphing paper</li> </ul>	<ul> <li>In a whole group</li> <li>In a small group</li> <li>With a partner such as Turn and Talk</li> <li>In pairs as a group (first, two pairs work independently, then they form a group of four)</li> <li>In triads</li> <li>Cooperative learning structures such as Think-Pair-Share</li> <li>Interactive websites or software</li> <li>With a mentor or coach</li> </ul>	Labeling Students' native language Modeling Repetitions Paraphrasing Summarizing Guiding questions Clarifying questions Probing questions Probing questions Leveled questions such as What? When? Where? How? Why? Questioning prompts & cues Word Banks Sentence starters Sentence frames Discussion frames Talk moves, including Wait Time

\*tream Understanding the WIDA English Language Proficiency Standards. A Resource Guide. 2007 Edition... Board of Regents of the University of Wisconsin System, on behalf of the WIDA Consortium—www.wida.us.

Galina (Halla) Jmourko, ESOL Coach, PGCPS; 2015, Rvsd. 2016



# **BUILDING EQUITY IN YOUR TEACHING PRACTICE**

How do the essential questions highlight the connection between the big ideas of the unit and equity in your teaching practice?

# CONTENT

Teachers use examples and content from a variety of cultures & groups.

This unit / lesson is connected to other topics explored with students.

There are multiple viewpoints reflected in the content of this unit / lesson.

The materials and resources are reflective of the diverse identities and experiences of students.

The content affirms students, as well as exposes them to experiences other than their own.

# KNOWLEDGE CONSTRUCTION

Teachers help students understand how knowledge is created and influenced by cultural assumptions, perspectives & biases.

This unit / lesson provides context to the history of privilege and oppression.

This unit / lesson addresses power relationships.

This unit / lesson help students to develop research and critical thinking skills.

This curriculum creates windows and mirrors\* for students.

#### PREJUDICE REDUCTION

Teachers implement lessons and activities to assert positive images of ethnic groups & improve intergroup relations.

This unit / lesson help students question and unpack biases & stereotypes.

This unit / lesson help students examine, research and question information and sources.

The curriculum encourage discussion and understanding about the groups of people being represented.

This unit / lesson challenges dominant perspectives.

## EQUITABLE PEDAGOGY

Teachers modify techniques and methods to facilitate the academic achievement of students from diverse backgrounds.

The instruction has been modified to meet the needs of each student.

Students feel respected and their cultural identities are valued.

Additional supports have been provided for students to become successful and independent learners.

Opportunities are provided for student to reflect on their learning and provide feedback.

#### EMPOWERING SCHOOL CULTURE

Using the other four dimensions to create a safe and healthy educational environment for all

There are opportunities for students to connect with the community.

My classroom is welcoming and supportive for all students?

I am aware of and sensitive to the needs of my students and their families.

There are effective parent communication systems established. Parents can talk to me about issues as they arise in my classroom.

Excluded by Raria E. Vigit Adapted vibrica mission from James A. Banks, CULTURAL DIVERSITY AND EDUCATIONS FOUNDATIONS.

CURRICULUM, AND TEACHING (oth cultion), New York, Routinage, 2016, page 5 and Garden School Implicate on Mulicultural Profile.





# **Culturally Relevant Pedagogy Examples**

# • Relationships:

Maintain constant communication with parents/guardians

Cultivate personal connections with difficult students Gain

knowledge about your students' different cultures

## • Instructional Delivery:

Present real-life, relatable issues from various points of view

Engage all students, ensuring all voices have the opportunity to be heard

Provide effective and frequent feedback

Modify teaching to accommodate student learning styles

## • Curriculum:

Infuse student-related/relatable examples

Create learning stations consisting of a range of materials

Utilize media that positively depicts various cultures



# SOCIAL AND EMOTIONAL LEARNING (SEL) COMPETENCIES

#### SELF-AWARENESS

The ability to accurately recognize one's own emotions, thoughts, and values and how they influence behavior. The ability to accurately assess one's strengths and limitations, with a well-grounded sense of confidence, optimism, and a "growth mindset."

- **⇒** IDENTIFYING EMOTIONS
- **⇒** Accurate self-perception
- **⇒** RECOGNIZING STRENGTHS
- SELF-CONFIDENCE
- **⇒** SELF-EFFICACY

#### SELF-MANAGEMENT

The ability to successfully regulate one's emotions, thoughts, and behaviors in different situations — effectively managing stress, controlling impulses, and motivating oneself. The ability to set and work toward personal and academic goals.

- **IMPULSE CONTROL**
- STRESS MANAGEMENT
- SELF-DISCIPLINE
- ⇒ SELF-MOTIVATION
- **⇒** GOAL SETTING
- ORGANIZATIONAL SKILLS

#### SOCIAL AWARENESS

The ability to take the perspective of and empathize with others, including those from diverse backgrounds and cultures. The ability to understand social and ethical norms for behavior and to recognize family, school, and community resources and supports.

- **⇒** Perspective-taking
- **⇒** EMPATHY
- ♠ APPRECIATING DIVERSITY
- RESPECT FOR OTHERS

#### RELATIONSHIP SKILLS

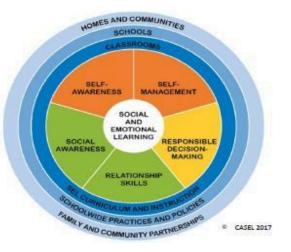
The ability to establish and maintain healthy and rewarding relationships with diverse individuals and groups. The ability to communicate clearly, listen well, cooperate with others, resist inappropriate social pressure, negotiate conflict constructively, and seek and offer help when needed.

- COMMUNICATION
- SOCIAL ENGAGEMENT
- ⇒ RELATIONSHIP BUILDING
- **⇒** TEAMWORK

#### RESPONSIBLE DECISION-MAKING

The ability to make constructive choices about personal behavior and social interactions based on ethical standards, safety concerns, and social norms. The realistic evaluation of consequences of various actions, and a consideration of the wellbeing of oneself and others.

- **IDENTIFYING PROBLEMS**
- **⇒** ANALYZING SITUATIONS
- **⇒** SOLVING PROBLEMS
- **⇒** EVALUATING
- REFLECTING
- **⇒** ETHICAL RESPONSIBILITY





SEL Competency Examples		Content Specific Activity & Approach to SEL
✓ Self-Awareness  Self-Management  Social-Awareness  Relationship Skills  Responsible Decision-Making	<ul> <li>Example practices that address Self-Awareness:</li> <li>Clearly state classroom rules</li> <li>Provide students with specific feedback regarding academics and behavior</li> <li>Offer different ways to demonstrate</li> </ul>	The Wonders kindergarten program through stories such as "What About Bear?" and "How to Be a Friend? focus on how to get along with others.  Ask students to share ways that they get along with others. Students can draw, and
	understanding  • Create opportunities for students to self-advocate  • Check for student understanding / feelings about performance  • Check for emotional wellbeing  • Facilitate understanding of student strengths and challenges	With adult assistance, label their ideas.  Create and illustrate an anchor chart, with the students, of age-appropriate feeling words the students can use to develop their emotions vocabulary. Add to the list as new feeling words are encountered and encourage students to use these words in their interactions with their classmates and teachers.  Have the students make faces to depict





		feeling words.
Self-Awareness  Self-Management  Social-Awareness	Example practices that address Self-Management:     • Encourage students to take pride/ownership in	Establish and discuss classroom routines and provide students with opportunities to practice these routines so they know what they are expected to do and how to do it successfully.
Relationship Skills Responsible Decision-Making	<ul> <li>Encourage students to reflect and adapt to classroom situations</li> <li>Assist students with being ready in the classroom</li> <li>Assist students with managing their own emotional states</li> </ul>	Provide the students with opportunities to share and illustrate things they are good at and/or personal interests.  Provide age-appropriate authentic feedback to invite students to reflect on their own strengths and interests.
Self-Awareness Self-Management	Example practices that address Social-Awareness:	Provide the students with opportunities to learn and use their classmates' names through games and classroom activities.
✓ Social-Awareness	Encourage students to reflect on the perspective	
Relationship Skills	of others	

Create classroom buddies to promote



Responsible Decision-Making	Assign appropriate groups	positive peer relationships.
	Help students to think about social strengths	
	Provide specific feedback on social skills	Start each day with a personal connection
	Model positive social awareness through metacognition activities	by having the students share a quick greeting with their classmates.
		Role play social situations in the classroom with a follow-up discussion of what was challenging? successful? needs further development?
Self-Awareness	Example practices that address Relationship Skills:	Play games that build community and
Self-Management		require students to work collegially.
Social-Awareness	Engage families and community members	To develop respect for differences
✔ Relationship Skills	Model effective questioning and responding to students	(background, experiences, interests), have
Responsible Decision-Making	Plan for project-based learning	the students interview their classmates.
	Assist students with discovering individual strengths	Model and practice listening carefully to





Self-Awareness	<ul> <li>Model and promote respecting differences</li> <li>Model and promote active listening</li> <li>Help students develop communication skills</li> <li>Demonstrate value for a diversity of opinions</li> </ul> Example practices that address Responsible	others and asking thoughtful questions.  Brainstorm and create a class anchor chart that lists age-appropriate phrases students can use to express their feelings, problems or accomplishments.  Engage in class discussions so students
Self-Awareness  Self-Management  Social-Awareness  Relationship Skills  Responsible Decision-Making	<ul> <li>Decision-Making:</li> <li>Support collaborative decision making for academics and behavior</li> <li>Foster student-centered discipline</li> <li>Assist students in step-by-step conflict</li> </ul>	have opportunities to express their opinions.  With the class, develop and practice ageappropriate class rules with reasonable consequences that are followed consistently.
	<ul> <li>resolution process</li> <li>Foster student independence</li> <li>Model fair and appropriate decision making</li> <li>Teach good citizenship</li> </ul>	Use puppets to have students act-out problem scenarios. Give authentic feedback when students are caught making good decisions and treating others with respect.



Differentiated Instruction					
Strategies to Accommodate Students Based on Individual Needs					
Time/General	<u>Processing</u>	<u>Comprehension</u>	<u>Recall</u>		
<ul> <li>Extra time for assigned tasks</li> <li>Adjust length of assignment</li> <li>Timeline with due dates for reports and projects</li> <li>Communication system between home and school</li> <li>Provide lecture notes/assignments, and tutorials outline</li> </ul>	<ul> <li>Extra Response time</li> <li>Have students verbalize steps</li> <li>Repeat, clarify or reword directions</li> <li>Mini breaks between tasks</li> <li>Provide a warning for transitions</li> <li>Video lessons online</li> </ul>	<ul> <li>Precise step-by-step directions</li> <li>Short manageable tasks</li> <li>Brief and concrete directions</li> <li>Provide immediate feedback</li> <li>Small group instruction</li> <li>Emphasize multi-sensory learning</li> </ul>	<ul> <li>Teacher-made checklist</li> <li>Use visual graphic organizers</li> <li>Reference resources to promote independence</li> <li>Visual and verbal reminders</li> <li>Graphic organizers</li> </ul>		
Assistive Technology	Tests/Quizzes/Grading	Behavior/Attention	<u>Organization</u>		
<ul><li>Computer/whiteboard</li><li>Video lesson</li><li>Spell-checker</li><li>Text speech software</li></ul>	<ul><li>Adjusted rubrics for projects</li><li>Study guides</li><li>Shortened tests</li><li>Read directions aloud</li></ul>	<ul> <li>Consistent daily structured routine</li> <li>Simple and clear classroom rules</li> <li>Frequent feedback</li> </ul>	<ul> <li>Individual daily planner</li> <li>Display a written agenda</li> <li>Note-taking assistance</li> <li>Color code materials</li> </ul>		





# **Differentiated Instruction**

# Strategies to Accommodate Students Based on Content-Specific Needs

- Web quests
- Use of graphic organizers, e.g. Triple-Venn Diagram for Economic Cycles
- Banking Simulations
- Stock Market Role Play
- Calculations of tax deductions, exemptions and credits
- Extra time for assigned tasks
- Adjust length of assignment
- Timeline with due dates for reports and projects
- Communication system between home and school
- Small group instruction



# **Enrichment**

# Strategies Used to Accommodate Based on Students Individual Needs:

- Adaption of Material and Requirements
- Evaluate Vocabulary
- Elevated Text Complexity
- Elevated Projects Rubrics
- Independent Written and Video Online Tutorials
- Projects completed individual or with Partners
- Self Selection of Research
- Tiered/Multilevel Activities
- Online Learning Communities
- Individual Response Board
- Independent Book Studies
- Open-ended activities



Community/Subject expert mentorships



# **Assessments**

# **Suggested Formative/Summative Classroom Assessments**

- Mind Maps
- Teacher-created Unit Assessments, Topic Assessments, Quizzes
- Math Stations/Centers
- Accountable Talk, Debate, Oral Report, Role Playing, Think Pair, and Share
- Projects, Portfolio,
- Homework
- Concept Mapping



# **Interdisciplinary Connections**

# **English Language Arts**

- Write the different ways to earn money (W.IW.8.2)
- Write career goals (W.IW.8.2)

# **Social Studies**

• Identify positive and negative incentives that influences that decisions people make (6.1.8.EconET.3)

## Science

- Research latest developments in industry technology (MS-ETS1-1)
- Investigate applicable-careers in STEM fields (MS-ETS1-1)



#### **New Jersey Student Learning Standards**

## 9.1 Personal Financial Literacy

## **Civic Financial Responsibility**

- 9.1.8.CR.1: Compare and contrast the role of philanthropy, volunteer service, and charities in community development and the quality of life in a variety of cultures.
- 9.1.8.CR.2: Compare various ways to give back through strengths, passions, goals, and other personal factors.
- 9.1.8.CR.3: Relate the importance of consumer, business, and government responsibility to the economy and personal finance.
- 9.1.8.CR.4: Examine the implications of legal and ethical behaviors when making financial decisions.

#### **Credit and Debt Management**

- 9.1.8.CDM.1: Compare and contrast the use of credit cards and debit cards for specific purchases and the advantages and disadvantages of using each.
- 9.1.8.CDM.2: Demonstrate an understanding of the terminology associated with different types of credit (e.g., credit cards, installment loans, mortgages, lines of credit) and compare and calculate the interest rates associated with each.
- 9.1.8.CDM.3: Compare and contrast loan management strategies, including interest charges and total principal repayment costs.
- 9.1.8.CDM.4: Evaluate the application process for different types of loans (e.g., credit card, mortgage, student loans).

## **Credit Profile**

- 9.1.8.CP.1: Compare prices for the same goods or services.
- 9.1.8.CP.2: Analyze how spending habits affect one's ability to save.
- 9.1.8.CP.3: Explain the purpose of a credit score and credit record, the factors and impact of credit scores.
- 9.1.8.CP.4: Summarize borrower's credit report rights.
- 9.1.8.CP.5: Compare the financial products and services available to borrowers relative to their credit worthiness.

## **Economic and Government Influences**

- 9.1.8.EG.1: Explain how taxes affect disposable income and the difference between net and gross income
- 9.1.8.EG.2: Explain why various sources of income are taxed differently.
- 9.1.8.EG.3: Explain the concept and forms of taxation and evaluate how local, state and federal governments use taxes to fund public activities and initiatives.



- 9.1.8.EG.4: Identify and explain the consequences of breaking federal and/or state employment or financial laws.
- 9.1.8.EG.5: Interpret how changing economic and societal needs influence employment trends and future education.
- 9.1.8.EG.6: Explain the economic principle of the circular flow of money in different situations regarding buying products or services from a local or national business and buying imported or domestic goods.
- 9.1.8.EG.7: Explain the effect of the economy (e.g., inflation, unemployment) on personal income, individual and family security, and consumer decisions.
- 9.1.8.EG.8: Analyze the impact of currency rates over a period of time and the impact on trade, employment, and income.
- 9.1.8.EG.9: Identify types of consumer fraud, the procedures for reporting fraud, the specific consumer protection laws, and the issues they address.

#### **Financial Institutions**

- 9.1.8.Fl.1: Identify the factors to consider when selecting various financial service providers.
- 9.1.8.Fl.2: Determine the most appropriate use of various financial products and services to borrow and access money for making purchases (e.g., ATM, debit cards, credit cards, check books, online/mobile banking).
- 9.1.8.Fl.3: Evaluate the most appropriate financial institutions to assist with meeting various personal financial needs and goals. 9.1.8.Fl.4: Analyze the interest rates and fees associated with financial products

## **Financial Psychology**

- 9.1.8.FP.1: Describe the impact of personal values on various financial scenarios.
- 9.1.8.FP.2: Evaluate the role of emotions, attitudes, and behavior (rational and irrational) in making financial decisions.
- 9.1.8.FP.3: Explain how self-regulation is important to managing money (e.g., delayed gratification, impulse buying, peer pressure, etc.).
- 9.1.8.FP.4: Analyze how familial and cultural values influence savings rates, spending, and other financial decisions.
- 9.1.8.FP.5: Determine how spending, investing, and using credit wisely contributes to financial well-being.
- 9.1.8.FP.6: Compare and contrast advertising messages to understand what they are trying to accomplish.
- 9.1.8.FP.7: Identify the techniques and effects of deceptive advertising.

## **Planning and Budgeting**

- 9.1.8.PB.1: Predict future expenses or opportunities that should be included in the budget planning process.
- 9.1.8.PB.2: Explain how different circumstances can affect one's personal budget.
- 9.1.8.PB.3: Explain how to create budget that aligns with financial goals.
- 9.1.8.PB.4: Construct a simple personal savings and spending plan based on various sources of income and different stages of life (e.g. teenager, young adult, family).
- 9.1.8.PB.5: Identify factors that affect one's goals, including peers, culture, location, and past experiences.



- 9.1.8.PB.6: Construct a budget to save for short-term, long term, and charitable goals.
- 9.1.8.PB.7: Brainstorm techniques that will help decrease expenses including comparison shopping, negotiating, and day-to-day expense management.

#### **Risk Management and Insurance**

- 9.1.8.RM.1: Determine criteria for deciding the amount of insurance protection needed.
- 9.1.8.RM.2: Analyze the need for and value of different types of insurance and the impact of deductibles in protecting assets against loss.
- 9.1.8.RM.3: Evaluate the need for different types of warranties.
- 9.1.8.RM.4: Explain the purpose of insurance products and the reasons for property product and liability insurance protection.

## 9.2. Career Awareness, Exploration, Preparation and Training

## Career Awareness and Planning

- 9.2.8.CAP.1: Identify offerings such as high school and county career and technical school courses, apprenticeships, military programs, and dual enrollment courses that support career or occupational areas of interest.
- 9.2.8.CAP.2: Develop a plan that includes information about career areas of interest.
- 9.2.8.CAP.3: Explain how career choices, educational choices, skills, economic conditions, and personal behavior affect income.
- 9.2.8.CAP.4: Explain how an individual's online behavior (e.g., social networking, photo exchanges, video postings) may impact opportunities for employment or advancement
- 9.2.8.CAP.5: Develop a personal plan with the assistance of an adult mentor that includes information about career areas of interest, goals and an educational plan.



**Course:** Eighth Grade Financial

Literacy Grade Level:

8<sup>th</sup>

**Course Overview:** In this course students will learn the elements of paycheck and create personal financial plans. In addition, they will examine financial well-being and retirement options. The aim of this course is to ready students for the financial decisions and challenges of adulthood.

NJSLS	<b>Essential Questions</b>	Skills & Indicators	Sample Activities	Resources
1) Decode and identify elements of a paycheck.  NJSLS: 9.1.8.EG.1	How do I understand my paycheck?  Why are taxes and other government services deducted from my paycheck?  What is gross income?	<ul> <li>Understand the elements of a paycheck</li> <li>Identify the paycheck deductions</li> <li>Identify why taxes are deducted</li> <li>Differentiate between the different taxes on a typical paycheck</li> <li>Define the purpose and collecting agency for each tax (payroll and non-payroll)</li> <li>Cite types and</li> </ul>	KNL Chart: Write what you already know about the topic in the KNOW column (take a guess if you don't know so you don't leave it blank). Throughout the lesson answer the questions from the NEED TO KNOW column in the LEARNED column.  Paycheck Simulation and Analysis: https://www.stlouisfed.org/~/media/Education / Curriculum/pdf/lts-Your-Paycheck-Lesson-8.pdf	TD Bank Checking Accounts: https://www.tdbank.co m/wowzone/lessons/Gr 6-8Lesson1.pdf  Wells Fargo Hands on Banking: https://www.wellsfargo. com/about/corporate- responsibility/hands- on-banking/  Chase Bank Financial Education: https://www.chase.com / Capital One Bank





NJSLS	<b>Essential Questions</b>	Skills & Indicators	Sample Activities	Resources
		sources of other non-payroll taxes  Calculate the tax advantages offered by tax deferred investment vehicles  Describe the benefits that taxes offer to society		Financial Literacy Resources: https://www.capitalone. com/bank/money- management/peace-of- mind/teaching-kids- about-money/ PNC Bank Finances 101: https://pnc.financialliter acy101.org/
2) Discuss how taxes, personal exemptions, and deductions impact net pay.  NJSLS: 9.1.8.EG.1 9.1.8.EG.2 9.1.8.EG.3 9.1.8.EG.4 9.1.8.EG.5 9.1.8.EG.5	What is net pay?  Hoe do you determine net pay?  How do you calculate the adjusted gross income, taxable income, income tax due, and income tax refund?	<ul> <li>Differentiate between net and gross pay</li> <li>Calculate gross, net, and taxable income</li> <li>Understand the nuances of paycheck</li> <li>Qualifying for federal student loans</li> </ul>	Standard Deduction Lesson Plan: https://apps.irs.gov/app /understandingTaxes/h ows/mod07/media/lp_m od07.pdf  Chart: Create a list/chart of potential deductions and credit.	TD Tax Lesson Plans: https://www.tdbank.co m/wowzone/lessons/Gr 9-12Lesson9.pdf\  Guide to Federal Student Loans: https://studentloanhero .com/featured/federal  student-loans-guide/  TD Bank Saving for a Special Purpose: https://www.tdbank.co



m/wowzone/lessons/Gr



NJSLS	<b>Essential Questions</b>	Skills & Indicators	Sample Activities	Resources
9.1.8.EG.7				6-8Lesson5.pdf
9.1.8.EG.8				Wells Fargo Hands on Banking: https://www.wellsfargo. com/about/corporate- responsibility/hands- on-banking/  Chase Bank Financial Education: https://www.chase.com /
				Capital One Bank Financial Literacy Resources: https://www.capitalone. com/bank/money- management/peace-of- mind/teaching-kids- about-money/ PNC Bank Finances 101: https://pnc.financialliter acy101.org/
3) Explain how to calculate gross and net	How do you calculate	Differentiate between net and gross pay	Wages and Salaries Webquest:	TD Bank Income Taxes:





NJSLS	Essential Questions	Skills & Indicators	Sample Activities	Resources
income  NJSLS:  9.1.8.EG.1  9.1.8.EG.2  9.1.8.EG.3  9.1.8.EG.4  9.1.8.EG.5  9.1.8.EG.6  9.1.8.EG.7  9.1.8.EG.8	your net pay?  How do you calculate gross income?  How do you calculate state and city income taxes?	<ul> <li>Calculate gross, net, and taxable income</li> <li>Understand the nuances of paycheck</li> <li>Find federal withholding tax deductions</li> <li>Calculate social security and Medicare tax deductions,</li> <li>Calculate total deductions and net pay</li> </ul>	http://zunal.com/webquest.php?w=62275  Stations: Calculate gross and net income at classroom centers.	https://www.tdbank.co m/wowzone/lessons/Gr 9-12Lesson9.pdf  Wells Fargo Hands on Banking: https://www.wellsfargo. com/about/corporate- responsibility/hands- on-banking/  Chase Bank Financial Education: https://www.chase.com /  Capital One Bank Financial Literacy Resources: https://www.capitalone. com/bank/money- management/peace-of- mind/teaching-kids- about-money/ PNC Bank Finances 101: https://pnc.financialliter acy101.org/



NJSLS	Essential Questions	Skills & Indicators	Sample Activities	Resources
4) Discuss the IRS Form W-4  NJSLS: 9.1.8.EG.3	What is the IRS? What is a W-4? How does the IRS impact net pay?	<ul> <li>Understand the system of state, local, and federal taxes</li> <li>Identify the role of the IRS</li> </ul>	Taxes Webquest: http://zunal.com/webqu est.php?w=184491  W-4 and W-2: Fill out as a class mock forms. Discuss the significance of these forms.	TD Bank Tax Education Resources: https://tdbanklearningc enter.td.com/tdbank/cu rriculum/show?enrollm ent_id=32324580#taxes  Wells Fargo Hands on Banking: https://www.wellsfargo. com/about/corporate- responsibility/hands- on-banking/  Chase Bank Financial Education: https://www.chase.com /  Capital One Bank Financial Literacy Resources: https://www.capitalone. com/bank/money- management/peace-of- mind/teaching-kids- about-money/ PNC Bank Finances



NJSLS	Essential Questions	Skills & Indicators	Sample Activities	Resources
				101: https://pnc.financialliter acy101.org/
5) Create a financial plan  NJSLS: 9.1.8.PB.1 9.1.8.PB.2	What are the characteristics of a financial plan?  How can understanding effective personal finance strategies improve my life?	<ul> <li>Identify when and how to create a financial plan</li> <li>Define personal income</li> </ul>	Discussion/Quick Write: What are your short term and long-term financial goals?  Posters: Create a long-term financial plan poster	TD Bank The Types of Aid for Undocumented Students: http://www.finaid.org/ot heraid/undocumented. phtml
9.1.8.PB.3 9.1.8.PB.4 9.1.8 PB.5 9.1.8.PB.6 9.1.8.PB.7	What can I do to ensure that I will be successful when making and managing money?	<ul> <li>Discuss and identify the payroll deductions that are withheld from paychecks</li> <li>Recognize the 4 four choices that can be made with our money</li> </ul>	for your college years.	TD Bank Alternative Financial College Planning: https://money.usnews. com/money/blogs/my- money/2015/03/02/5- alternative-sources-for- college-financial-aid TD Bank Financial Plans: https://tdbanklearningc

PATERSON PUBLIC SCHOOLS	
Prenaring All Children for College and Career	

	·	Toparing An onnarch for contege and	
		<ul> <li>Describe</li> </ul>	
		the	
		importance of	



NJSLS	Essential Questions	Skills & Indicators	Sample Activities	Resources
		developing effective spending habits Develop financial goal(s) statement		enter.td.com/tdbank/cu rriculum/show?enrollm ent_id=32324580#emer gency-savings
		College Plan		
		Alternate college financing		Wells Fargo Hands on Banking: https://www.wellsfargo. com/about/corporate- responsibility/hands- on-banking/  Chase Bank Financial Education: https://www.chase.com
				Capital One Bank Financial Literacy Resources: https://www.capitalone. com/bank/money- management/peace-of- mind/teaching-kids- about-money/ PNC Bank Finances 101: https://pnc.financialliter



NJSLS	Essential Questions	Skills & Indicators	Sample Activities	Resources
				acy101.org/
6) Describe how savings affects financial wellbeing	Why is it important to have a savings plan to ensure financial succes s?  Why is it important to	Describe the importance of developing effective spending habits	Savings Lesson Plans: https://www.moneyinst ructor.com/spendsave. asp  Reflection: How much	Wells Fargo Hands on Banking: https://www.wellsfargo.com/about/corporate-responsibility/hands-on-banking/
NJSLS:	have a savings plan to ensure financial	• Develop	would you have to save to buy a car in high	Chase Bank Financial
9.1.8.CDM.1	success?	financial goal(s) statement	school?	Education:
9.1.8.CDM.2	How can saving and			https://www.chase.com/
9.1.8.FP.4	investing help me earn	Evaluate the     differences between		
9.1.8.PB.4	additional income?	savings accounts, stocks, and bonds		Capital One Bank Financial Literacy Resources:
		<ul> <li>Explain how investing in real estate and business ventures help you increase your income</li> </ul>		https://www.capitalone. com/bank/money- management/peace-of- mind/teaching-kids- about-money/
		Select a stock, research the company, monitor the stock over a period of 10 school days, and		PNC Bank Finances 101: https://pnc.financialliter acy101.org/
		report out financial		



Preparing All Children for College and Career

gain or loss



NJSLS	<b>Essential Questions</b>	Skills & Indicators	Sample Activities	Resources
7) Explain and discuss how the economy impacts personal financial choices  NJSLS: 9.1.8.CR.3 9.1.8.EG.7	How can the economy play a role in your financial well-being?  What kind of economy does the US have?  How can the economy impact financial choices/options?	Differentiate between:  Market Economy  Command Economy  Traditional Economy  Mixed Economy	Discussion: How did the Stock Market Crash of 1929 impact personal finances?  Venn Diagram: Compare and contrast the US and European Union Economies.	TD Economics: https://www.prnewswir e.com/news- releases/td-economics- things-are-looking-up- including-rates- 300424868.html  Wells Fargo Hands on Banking: https://www.wellsfargo. com/about/corporate- responsibility/hands- on-banking/  Chase Bank Financial Education: https://www.chase.com /
				Capital One Bank Financial Literacy Resources: https://www.capitalone. com/bank/money-



NJSLS	<b>Essential Questions</b>	Skills & Indicators	Sample Activities	Resources
				management/peace-of - mind/teaching-kids- about-money/  PNC Bank Finances 101: https://pnc.financialliter acy101.org/
8) Examine economic cycles  NJSLS: 9) 1.8.EG.1 9.1.8.EG.2 9.1.8.EG.3 9.1.8.EG.4	What is the Business Cycle and what happens in each part?  Why is the United States considered mixed? Economy?  What is illustrated in the circular flow model?	<ul> <li>Understand economic cycles</li> <li>Differentiated between a mixed, command, and traditional economy</li> </ul>	Economic Cycles Lesson Plans: http://bizkids.com/less on/lesson-208  Website: Create a website showing your school the business cycles.	TD Bank Economic Cycles: https://economics.td.co m/us-business-cycle  Wells Fargo Hands on Banking: https://www.wellsfargo. com/about/corporate- responsibility/hands- on-banking/
9.1.8.EG.5 9.1.8.EG.6 9.1.8.EG.7 9.1.8.EG.8				Chase Bank Financial Education: https://www.chase.com / Capital One Bank Financial Literacy



NJSLS	<b>Essential Questions</b>	Skills & Indicators	Sample Activities	Resources
				Resources: https://www.capitalone. com/bank/money- management/peace-of- mind/teaching-kids- about-money/ PNC Bank Finances 101: https://pnc.financialliter acy101.org/
9) Explain how long-term retirement savings through investing builds wealth  NJSLS: 9.1.8.CDM.1 9.1.8.FP.4 9.1.8.PB.3	What are the benefits of retirement planning?  How does investment build wealth?  What are the six steps of financial planning?	<ul> <li>Create retirement plan</li> <li>Understand the benefits of a retirement plan</li> </ul>	Discussion: Why is it necessary to plan for retirement?  Building Wealth Lesson Plans: https://www.federalres erveeducation.org/reso urces/districts/dallas/B uilding%20Wealth%20i n%20the%20Classroo m	TD Bank Planning for Retirement: https://tdbanklearningcenter.td.com/tdbank/curriculum/show?enrollment id=32324580#retirement-101  Wells Fargo Hands on Banking: https://www.wellsfargo.com/about/corporate-responsibility/hands-on-banking/
				Chase Bank Financial Education:



NJSLS	Essential Questions	Skills & Indicators	Sample Activities	Resources
				https://www.chase.com//  Capital One Bank Financial Literacy Resources: https://www.capitalone. com/bank/money- management/peace-of- mind/teaching-kids- about-money/ PNC Bank Finances 101: https://pnc.financialliter acy101.org/
10) Identify differences in retirement planning strategies  NJSLS: 9.1.8.CDM.1 9.1.8.FP.4 9.1.8.PB.3	What are products used for short term and long term in investing strategies?  What are the benefits of retirement planning?  What are the risks of not planning for retirement?	Identify     retirement     planning     strategies	Retirement Options: Create a prezi outlining retirement option.  Retirement Lessons: http://www.investopedia.com/articles/retirement/09/retirement-lessons-learned.asp	TD Bank Retirement: https://tdbanklearningc enter.td.com/tdbank/cu rriculum/show?enrollm ent_id=32324580#retire ment-101  Wells Fargo Hands on Banking: https://www.wellsfargo. com/about/corporate- responsibility/hands- on-banking/



NJSLS	Essential Questions	Skills & Indicators	Sample Activities	Resources
				Chase Bank Financial Education: https://www.chase.com / Capital One Bank Financial Literacy Resources: https://www.capitalone. com/bank/money- management/peace-of- mind/teaching-kids- about-money/  PNC Bank Finances 101: https://pnc.financialliter acy101.org/



## Vocabulary

Retirement

Planning Wealth

Economy

**Deductions** 

Adjusted Gross Income

Peak Trough

Contractionary

Exemptions

**Deductions** 

Beneficiary

**Emergency Fund** 

Exemptions

Capital

Expansionary

Deflation

Inflation

## **Suggested Unit Projects**

Choose At Least One

Create a retirement brochure.

Research states without a personal income tax.

## **Suggested Structured Learning Experiences**



**Internal Revenue Service** 

2283 3rd Ave, New York, NY 10035

Phone: (800) 829-1040

**Banco Popular** 

West New York, NJ (201) 863-2567